INDUCTION HARDWARE

USE & INSTALLATION MANUAL
V2 · AUGUST 2026

OUTDOOR · VENTILATION

36" PROFESSIONAL OUTDOOR RANGE HOOD

Brushless DC motor · pyramid canopy · corrosion-resistant stainless

RH-OUTDR-36 — STAINLESS STEEL



SHOWROOM

INDUCTIONHARDWARE.COM
12920 OLD VIRGINIA ROAD, SUITE 160
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SUPPORT

(775) 898-7562 · MON–FRI 9–4 PST
INFO@INDUCTIONHARDWARE.COM

RECORD HERE

MODEL & SERIAL

One hood, built for the **weather**.

INDUCTION HARDWARE

Induction Hardware aims to be the industry leader in electric and induction appliances. Every single Induction Hardware product is electric and focused on bringing a better way to cook. We build every product to last and design them to be easy to maintain. **Induction technology is the future of cooking.**



RH-OUTDR-36
MODEL · STAINLESS STEEL

1,500 CFM
MAXIMUM AIRFLOW

DC
BRUSHLESS MOTORS

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One SKU, built for **weather.**

INDUCTION HARDWARE

DIMENSIONS & WEIGHT

Overall W × D × H	**36 × 30 × 34″**
Package W × D × H	**40 × 34 × 40″**
Product weight	**60 lb**
Mounting	**Wall**
Canopy	**Pyramid**
Construction	**Corrosion-resistant 304 stainless steel**

PERFORMANCE & ELECTRICAL

Maximum airflow	**1,500 CFM**
Blower motor	**2x Brushless DC**
Filters	**Dishwasher-safe baffle**
Lighting	**2 × 3 W LEDs**
Controls	**Two knobs — airflow 1–10, light 1–10**
Rated voltage	**120 V · 60 Hz**
Rated power	**800 W**
Power	**NEMA 5-15P**
Certification	**ETL**

RATING PLATE FIGURES

Rated voltage	**120 V · 60 Hz**	Dedicated GFCI-protected residential circuit
Rated power	**800 W**	Blower and controls, at maximum setting
Lighting power	**2 × 3 W**	Ten brightness levels, three color temperatures
Duct	**Ø 9.8″ Collar for 10" Duct**	Top-face discharge — see the dimension diagram, page 6



MATCHED TO

The 36″ outdoor griddle.

One SKU, one width, Stainless Steel only. Sized to the BIG-36 induction griddle and outdoor cooktops of the same width — never narrower than the surface it serves.

Read and obey all **safety messages.**

INDUCTION HARDWARE

BEFORE INSTALLATION AND USE

1. Installation and wiring must be performed by qualified professionals.
2. The distance between the bottom of the hood and the cooking surface shall be no less than **30″**.
3. The unit must be turned off and unplugged before cleaning and maintenance.
4. The air outlet must not be connected to shared flue systems used by gas water heaters, heating systems, or similar devices.
5. Damaged power cords must be replaced by the manufacturer or after-sales service; unauthorized disassembly is prohibited.
6. Clean the filters regularly to prevent oil accumulation that may cause fires.

COVERED INSTALLATION REQUIRED

This outdoor hood must be installed in an area that has a roof, to protect it from direct rain or other water ingress such as sprinklers. The hood shall be installed with at least **three (3) feet of roof coverage on the front and sides**. All duct work and roof openings shall be sealed to prevent water leakage into the unit.

WARNINGS

- **A** Do not check the filters while the hood is operating.
- **B** During prolonged use, avoid touching the lights and the surrounding areas.
- **C** It is strictly prohibited to ignite flames directly beneath the hood.
- **D** Do not operate above an open flame — it may damage the filters and cause a fire.
- **E** Check the cooking surface and cookware regularly to prevent fires caused by overheated oil.
- **F** Unplug the device from the power outlet before performing repairs.
- **G** This device is prohibited for use by children.
- **H** When cleaning, wear protective gloves — internal edges may be sharp.
- **I** If the power cord is damaged, it must be replaced with the dedicated Induction Hardware cord.
- **J** Non-professionals are strictly prohibited from disassembling or assembling this device.

NEVER OVER SOLID FUEL

Outdoor residential use only, on a GFCI-protected 120V circuit. Never use this hood over a charcoal, wood or other solid-fuel fire, and never terminate the duct into a soffit, ceiling void or enclosed structure.



Outdoors, and **covered.**

CANOPY & FILTER DETAIL



COVERED INSTALLATION REQUIRED

This hood must be installed in an area that has a roof, protecting it from direct rain and other water ingress such as sprinklers — with at least three (3) feet of roof coverage on the front and sides. All duct work and roof openings must be sealed against water leakage into the unit.

INSTALLATION SEQUENCE

A Center the hood on the cooking surface below and hold the full 36″ width — a hood narrower than the griddle will not capture at the edges.

B Fix to solid masonry or a framed wall rated for 60 lb plus duct load. Outdoor substrates move — use fixings rated for exterior use.

C Flash and seal the duct penetration. Water tracking back along a duct is the most common outdoor-hood failure.

D Feed a GFCI-protected 120V outlet, positioned dry and reachable behind or above the canopy.

E Duct short and straight, terminated with a weather cap and damper. Every elbow costs airflow.

F Fit the baffle filters last and confirm the knob control operates cleanly through its full travel.

ROUGH-IN

Electrical	**120V outlet, GFCI protected**
Venting	**Ducted**
Duct diameter	**10″ duct**
Mounting height above surface	**Min. 30″ above cooking surface**

PRE-INSTALL CHECKLIST

- Install position covered from direct rain and standing water
- Wall substrate rated for a 60 lb overhead fixing, exterior-grade fasteners on hand
- Duct route, weather cap and damper specified before the wall is cut
- GFCI outlet located dry, out of the canopy footprint
- Two installers for the lift — 60 lb overhead

ATTENTION INSTALLER

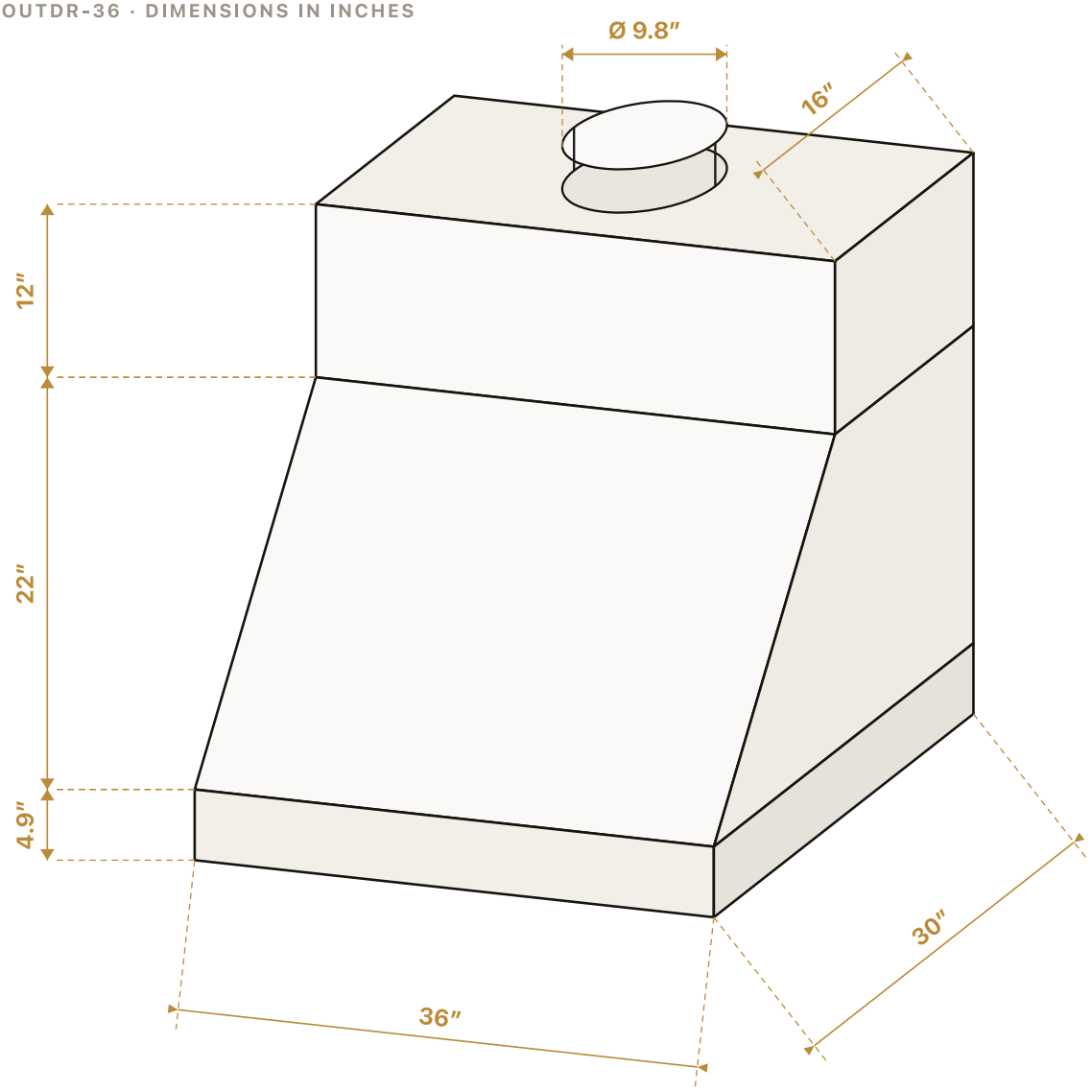
Do not size duct from the indoor Pyramid hood. This hood discharges through a 9.8″ round collar on the top face — run 10″ rigid duct, as short and straight as the site allows, terminated with a weather cap and damper.

RH-OUTDR-36 — 36″ Outdoor Hood

INDUCTION HARDWARE

All dimensions in inches. Canopy 22″ plus a 12″ chimney section, 30″ deep at the filter rim and 16″ deep at the chimney, 4.9″ filter box, with a 9.8″ round duct collar on the chimney top face. Verify on site before cutting; do not scale from a reduced view.

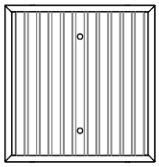
RH-OUTDR-36 · DIMENSIONS IN INCHES



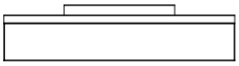
Check the **carton** before you start.

INDUCTION HARDWARE

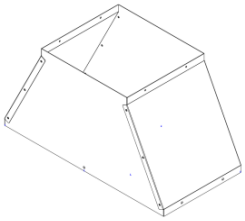
Unpack on a soft surface and confirm every item below before installation begins. If anything is missing or damaged, contact the retailer or dealer that sold you the product before proceeding.



ITEM 1
Filter **×4**



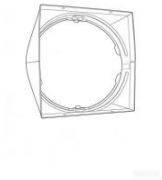
ITEM 2
Grease cup **×4**



ITEM 3
Adapter **×1**



ITEM 4
Discharge pipe **×1**



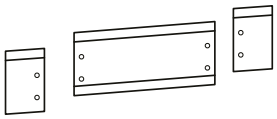
ITEM 5
Air outlet cover **×1**



ITEM 6
Mounting bracket **×1**



ITEM 7
Mounting bracket **×1**



ITEM 8 · ASSEMBLY REQUIRED
Chimney (front + 2 sides)

ITEMS 9–12 · FASTENERS

M4 × 6 screw	**×10**
M5 × 14 screw	**×14**
ST4 × 10 screw	**×8**
ST4 × 40 screw	**×13**

SUPPLIED BY THE INSTALLER

Weather cap with damper, exterior-grade wall anchors, and sealant rated for outdoor use.

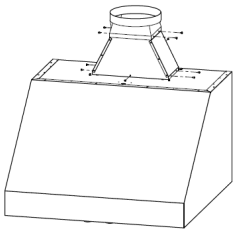
TWO INSTALLERS REQUIRED

60 lb lifted overhead. Do not attempt the hang single-handed.

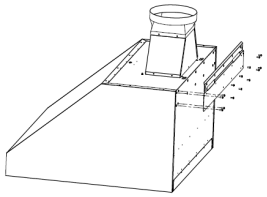
Outlet cover, brackets, **then the hang.**

INDUCTION HARDWARE

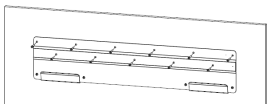
1 Install the air outlet cover and adapter fitting.



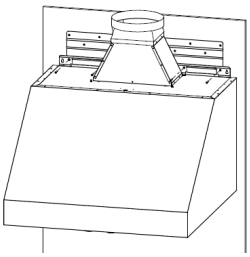
2 Install the mounting brackets onto the hood.



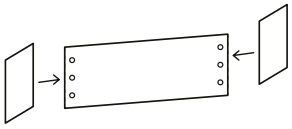
3 Drill the wall to the bracket template and secure the mounting plate horizontally to the wall.



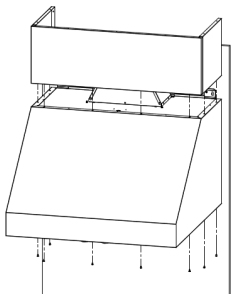
4 Hang the hood onto the mounting plate and secure it with screws.



5 Assemble the chimney: attach the two side pieces to the front piece with the included M4 × 6 screws.



6 After connecting the duct, install the decorative cover and secure it upward with screws.



STEP 7 · WEATHERPROOFING

See Safety Precautions, page 4: at least three feet of roof coverage front and sides, and every duct and roof opening sealed against water ingress.



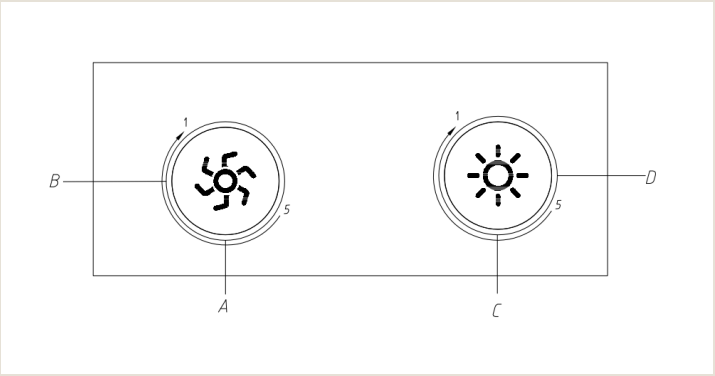
POWER CONNECTION

Cord and **NEMA 5-15P** plug pre-installed. Provide a grounded 120V outlet on a GFCI-protected circuit.

BEFORE YOU POWER UP

Confirm 30″ minimum from the cooking surface, both filters and grease cups fitted, and a dry GFCI-protected 120V outlet clear of the canopy footprint.

Two knobs, **ten settings** each.



POWER-ON & STANDBY

Turn on the power. The ring light illuminates for one second and then turns off, entering standby mode.

After one second, the hood enters automatic standby if the airflow knob is not set to a fan speed.

ICON FUNCTIONS

A	Air flow control knob	Knob	Adjust the air flow by turning the knob — ten settings, 1 to 10.
B	Ring light	LED light	Illuminates with the airflow and becomes brighter as the speed increases.
C	Lighting control knob	Knob	Adjust the lighting intensity by turning the knob — ten levels, 1 to 10.
D	Ring light	LED light	Illuminates with the lighting level and becomes brighter as the level increases.

AIR FLOW

1. From standby, rotate the airflow knob clockwise to increase the fan speed. The rate is set by rotation angle, adjustable from 1 to 10.
2. When airflow is active the ring light around the knob illuminates — the higher the setting, the brighter the ring.

LIGHTING

1. Rotate the lighting knob clockwise to turn on the work lights, adjustable from 1 to 10.
2. The ring light around the lighting knob brightens with the selected level.
3. **Color temperature:** set the lighting knob to zero, then rotate counterclockwise to the end position and hold three seconds to switch between cool white, neutral white and warm white.

TEMPERATURE DETECTION

1. In standby, if the temperature sensor detects more than **160°F**, the system automatically activates airflow setting 9. Once the temperature drops below **130°F** the airflow stops automatically; while it stays above 130°F, setting 9 is maintained.
2. In standby, airflow is controlled from the temperature sensor. If you set the airflow knob to a speed, the hood operates at that speed instead.
3. Returning the airflow knob to the zero OFF position resumes temperature detection as described above.

NO FAULT-CODE DISPLAY

This is a knob-controlled hood. Symptoms are diagnosed from the troubleshooting table on page 11, not from a code readout.

Grilling season, **every season.**

OPERATION

1. Start the hood before the griddle comes up to heat. Outdoors, a crosswind will take smoke past the canopy if capture is late.
2. Use the top setting for searing and smash work, then drop back — the DC motor scales its draw to the setting.
3. Run a few minutes after cooking to clear grease-laden air out of the canopy.
4. Both LED work lights run independently of the blower — the practical light source for cooking after dark.

CARE — OUTDOOR DUTY

1. Outdoor cooking loads filters far faster than indoor. Run the baffles through the dishwasher after heavy grilling, not monthly.
2. Rinse airborne salt, pollen and dust off the stainless regularly; corrosion resistance is not immunity.
3. Dry the canopy after washing, and never leave standing water in the filter tray.
4. Mild detergent worked with the grain — no abrasive pads, no chlorine-based cleaners on exterior stainless.
5. Check the duct termination and damper each season for nests, leaves and grease build-up.

END OF SEASON

Deep-clean filters and canopy before the unit sits idle.

Confirm the damper closes fully so weather cannot track in.

Inspect fixings and sealant at the wall and duct penetration.

Run the blower briefly through the off season to keep the motor turning.



IF SOMETHING IS WRONG

Smoke escaping	Wind across the cooking surface, or filters loaded. Clean first, then screen the prevailing side.
Weak airflow	Filters, a crushed duct run, or a damper obstructed at the termination.
Water in the canopy	Stop using it and check the duct flashing and weather cap. This is an install fault, not a hood fault.
Surface rust spots	Usually deposited iron from the environment. Clean with the grain; do not use steel wool.

SAFETY

Outdoor residential use only, on a GFCI-protected circuit.

Duct to open air. Never terminate into a soffit, ceiling void or enclosed structure.

Never use this hood over a solid-fuel or charcoal fire.

Keep filters fitted whenever the blower runs; grease in the blower is a fire risk.

Disconnect power before removing filters for service.

LIFETIME INDUCTION-CLAD WARRANTY

Parts and repair support for as long as you own the hood. Register the model and serial from the nameplate inside the canopy, then call (775) 898-7562 or email info@inductionhardware.com.

PARTS & ACCESSORIES

Dishwasher-safe stainless baffle filter

Wall mounting brackets — included; exterior-grade anchors not included

Weather cap — supplied by the installer to match installation

Indoor chimney extension kits do not fit this hood

Check these **first.**

Disconnect power before removing filters or opening any part of the canopy. If the remedy calls for reinstallation or internal access, contact a qualified technician — unauthorized disassembly voids the warranty.

SYMPTOM	POSSIBLE CAUSE	SOLUTION
The hood is not working	Power not connected	Check that the plug is fully inserted and that the circuit is switched on.
The motor runs, but there is no airflow	The duct or air outlet cover is blocked	Contact technical support.
The suction power is not strong	The hood is too far from the cooking surface, or the duct run is too long	Reinstall the hood closer to the surface and shorten the duct run — contact a technician.
Oil droplets dripping from the hood	The hood is tilted, or the grease cups are overfilled	Empty and refit the grease cups; if the hood is out of level, have it reinstalled by a technician.
Abnormal sound when the fan runs	An unknown object or obstruction has entered the fan housing	Contact technical support.
Water inside the canopy	Duct flashing, weather cap or roof coverage inadequate	Stop using the hood and correct the installation — see Safety Precautions, page 4.
Surface rust spots on the stainless	Iron deposited from the environment, or airborne salt	Clean with mild detergent along the grain. Never use steel wool or chlorine-based cleaners.

LIFETIME INDUCTION-CLAD WARRANTY

Parts and repair support for as long as you own the hood. Have the model and serial number from the nameplate inside the canopy ready when you call.

SUPPORT

(775) 898-7562 · Mon–Fri 9–4 PST
info@inductionhardware.com

Keep this manual with the **receipt.**

Thank you for purchasing your outdoor range hood. This manual contains important information regarding the proper installation, use, and maintenance of your range hood. Following this manual will ensure that your product will work at its peak performance and efficiency.

Please write down the model number and serial number below for future reference. Both numbers are located on the rating label inside the unit and are needed to obtain warranty service. You may also want to staple your receipt to this manual, as it is the proof of your purchase and may also be needed for service under warranty.

MODEL NUMBER

SERIAL NUMBER

DATE OF PURCHASE

INSTALLER / COMPANY

BEFORE CONTACTING CUSTOMER SERVICE

If you received a damaged product, immediately contact the retailer or dealer that sold you the product.

Read and follow this instruction manual carefully to help you install, use and maintain your unit.

Read the operation, care & service section of this manual — it will help you diagnose and solve common issues.

CONTACT US

Website	**www.inductionhardware.com**
Phone	**(775) 898-7562**
Email	**info@inductionhardware.com**
Address	**12920 Old Virginia Road, Suite 160** **Reno, Nevada 89521, USA**

INDUCTION HARDWARE

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The Future of Cooking is Now.

Thank you for being part of the Induction Hardware community.

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